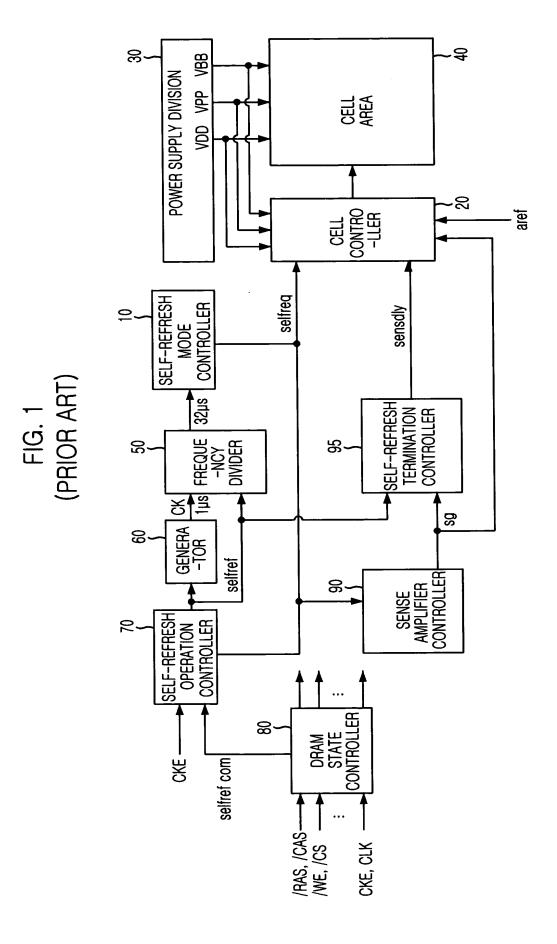
Blakely, Sokoloff, Taylor & Zafman LLP (310) 207 Title: SEMICONDUCTOR MEMORY DEVICE WITH SELF-REFRESH (310) 207-3800

DEVICE FOR REDUCING POWER CONSUMPTION
1st Named Inventor: YONG-KI KIM
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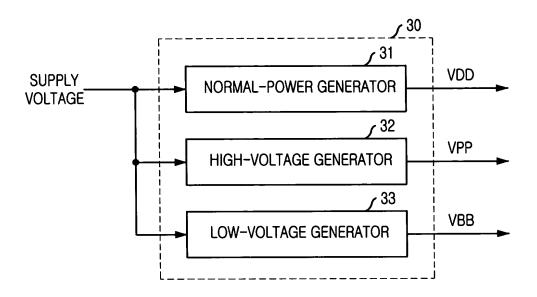
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FIG. 2 (PRIOR ART)



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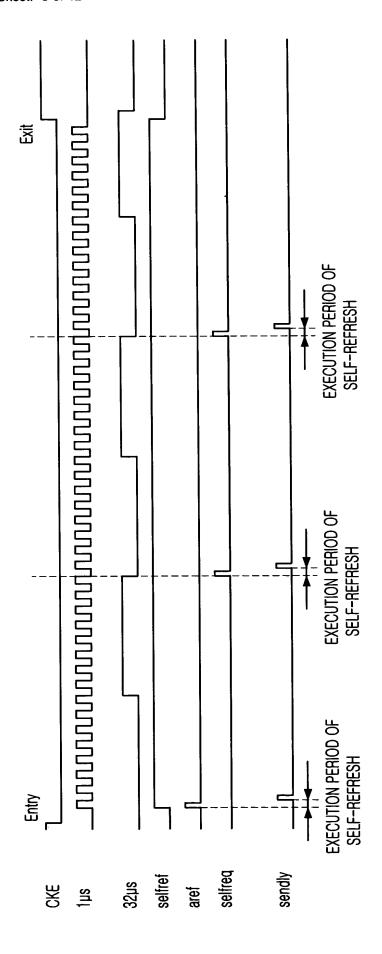
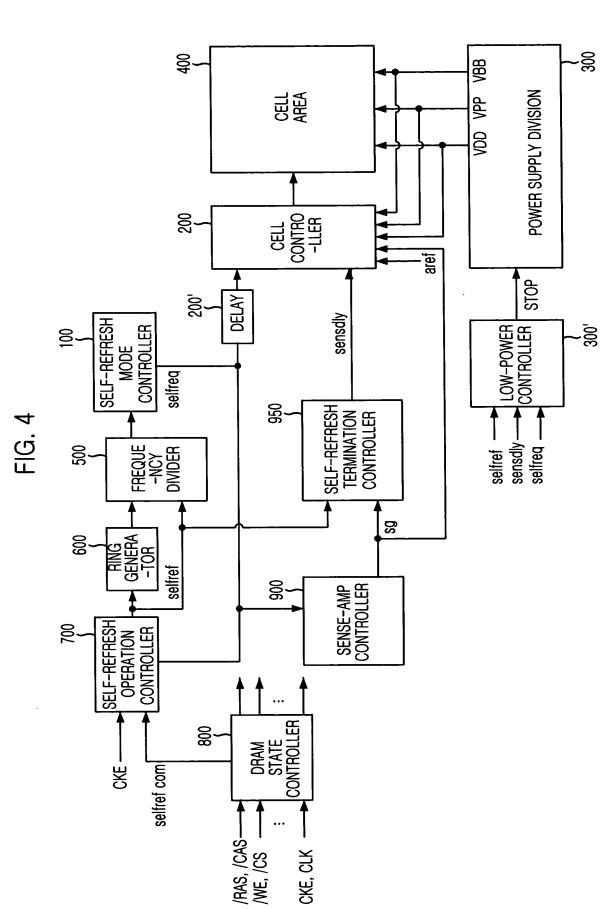


FIG. 3 (PRIOR ART)

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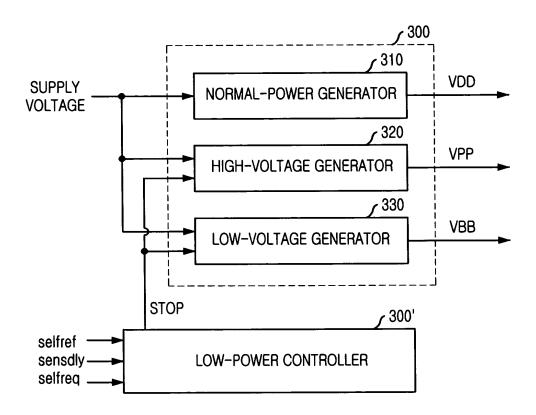
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FIG. 5



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FIG. 6

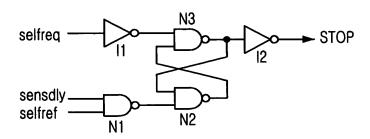
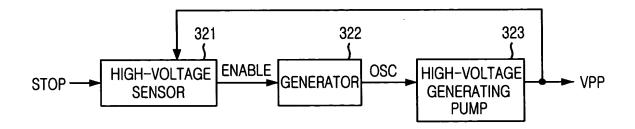
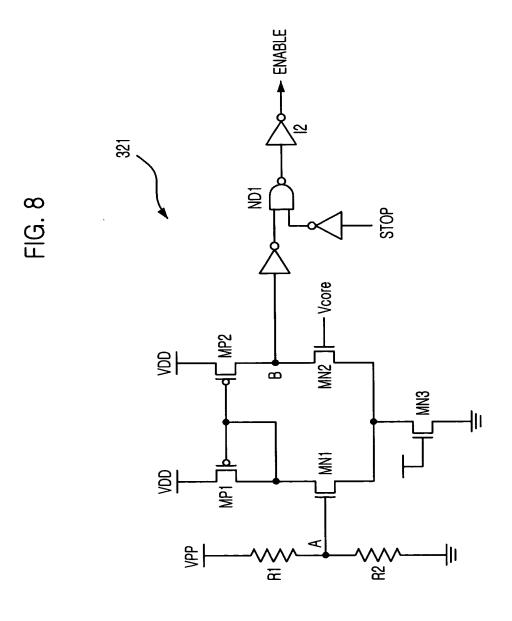


FIG. 7



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FIG. 9

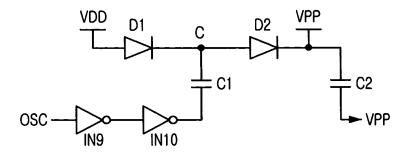
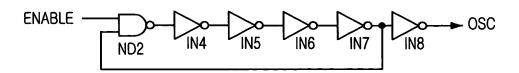


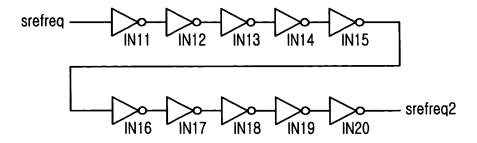
FIG. 10



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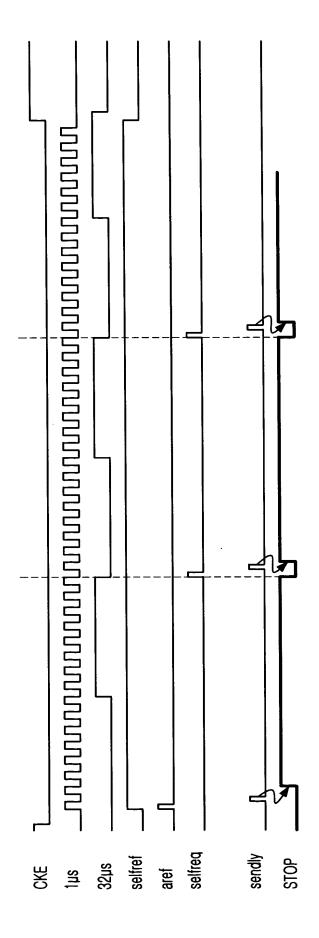
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FIG. 11



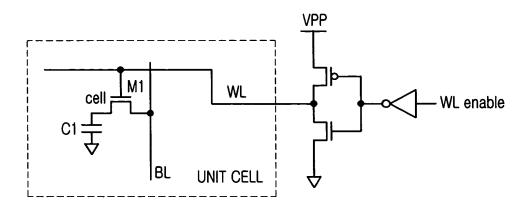
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FIG. 13



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FIG. 14

